

IN THE CLAIMS

No claims have been amended, added, or canceled in this paper.

1. (Previously Presented) A network selection method for a mobile station, comprising:

identifying a plurality of communication networks in a coverage area within which the mobile station is operating;

selecting and operating with a non-home communication network;

in response to regaining signal coverage from an out-of-coverage condition with the non-home communication network, or in response to being powered-on from a power-off state entered while operating with the non-home communication network, performing the following acts of:

if a home communication network of the mobile station is identified as being available, selecting and operating with the home communication network; and

otherwise, if the non-home communication network is identified as being available, selecting and operating with the non-home communication network.

2. (Previously Presented) The method of claim 1, wherein the non-home communication network comprises a Registered Public Land Mobile Network (RPLMN) during the method.

3. (Original) The method of claim 1, wherein the home communication network comprises a Home Public Land Mobile Network (HPLMN) of the mobile station.

4. (Previously Presented) The method of claim 1, further comprising:

otherwise, if the non-home communication network is identified as being unavailable by the scanning, selecting and operating with an alternate communication network based on a prioritized network list.

5. (Original) The method of claim 1, wherein the act of scanning comprises receiving a Mobile Country Code (MCC) and Mobile Network Code (MNC) pair for each communication network available in the coverage area.

6. (Previously Presented) The method of claim 1, wherein the home and non-home communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

7. (Previously Presented) A mobile station, comprising:
a wireless transceiver;
an antenna coupled to the wireless transceiver;
one or more processors coupled to the wireless transceiver;
the one or more processors being configured to select a communication network with which to communicate by:

identifying a plurality of communication networks in a coverage area within which the mobile station is operating;

selecting and operating with a non-home communication network;

in response to regaining signal coverage from an out-of-coverage condition with the non-home communication network, or in response to being powered-on from a power-off state entered while operating with the non-home communication network, causing the following acts to be performed:

if a home communication network of the mobile station is identified as being available, selecting and operating with the home communication network; and

otherwise, if the non-home communication network is identified as being available, selecting and operating with the non-home communication network.

8. (Previously Presented) The mobile station of claim 7, wherein the non-home communication network comprises a Registered Public Land Mobile Network (RPLMN) during the method.

9. (Original) The mobile station of claim 7, wherein the home communication network comprises a Home Public Land Mobile Network (HPLMN) of the mobile station.

10. (Previously Presented) The mobile station of claim 7, further comprising:
otherwise, if the non-home communication network is identified as being unavailable by the scanning, selecting and operating with an alternative communication network based on a prioritized network list.

11. (Original) The mobile station of claim 7, wherein the scan comprises a receiving of a Mobile Country Code (MCC) and Mobile Network Code (MNC) pair for each communication network available in the coverage area.

12. (Previously Presented) The mobile station of claim 7, wherein the home and non-home communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

13. (Previously Presented) A communication system, comprising:
a first communication network;
a second communication network;

one or more mobile stations which are operable with the first and the second communication networks;

the one or more mobile stations having the first communication network designated as a non-home communication network and the second communication network designated as a home communication network;

the one or more mobile stations being operative to select a communication network with which to communicate by:

identifying a plurality of communication networks in a coverage area within which the mobile station is operating;

selecting and operating with the first communication network;

in response to regaining signal coverage from an out-of-coverage condition with the first communication network, or in response to being powered-on from a power-off state entered while operating with the first communication network, causing the following acts to be performed:

if the second communication network of the mobile station is identified as being available, selecting and operating with the second communication network; and

otherwise, if the first communication network is identified as being available, selecting and operating with the first communication network.

14. (Original) The communication system of claim 13, wherein the first communication network comprises a Registered Public Land Mobile Network (RPLMN) while operating therewith.

15. (Previously Presented) The communication system of claim 13, wherein the second communication network comprises a Home Public Land Mobile Network (HPLMN) of the one or more mobile stations.

16. (Original) The communication system of claim 13, further comprising:

otherwise, if the first communication network is identified as being unavailable by the scanning, selecting and operating with an alternative communication network based on a prioritized network list.

17. (Previously Presented) The communication system of claim 13, wherein the first and the second communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

18. (Previously Presented) A network selection method for a mobile station, comprising:

- receiving a user input for manually selecting a non-home communication network for communications with the mobile station in a manual network selection mode of the mobile station;

- selecting and operating with the manually-selected non-home communication network in response to the user input;

- in response to regaining signal coverage from an out-of-coverage condition with the manually-selected non-home communication network while in the manual network selection mode, or in response to being powered-on from a power-off state while in the manual network selection mode, causing the following acts to be performed:

 - if the non-home communication network is identified as being available selecting and operating with the non-home communication network;

 - if the non-home communication network is unavailable and the home communication network is also unavailable: causing a list of available communication networks to be displayed for a manual network selection procedure for manual network selection and operation with one of the available communication networks; and

 - if the non-home communication network is unavailable but the home communication network is identified as being available: instead of carrying out the manual network selection procedure for the manual network selection and

operation with one of the available communication networks, selecting and operating with the home communication network.

19. (Original) The method of claim 18, wherein the home communication network comprises a Home Public Land Mobile Network (HPLMN) of the mobile station.

20. (Previously Presented) The method of claim 18, wherein the non-home communication network comprises a Registered Public Land Mobile Network (RPLMN) during the method.

21. (Previously Presented) The method of claim 18, wherein the home and non-home communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

22. (Previously Presented) The method of claim 18, further comprising:
in response to a visual input prompt for the manual network selection procedure, receiving a user input for manually selecting the available communication network; and
in response to the user input, registering and operating with the available communication network.

23. (Previously Presented) A mobile station, comprising:
a user interface;
a wireless transceiver;
an antenna coupled to the wireless transceiver;
one or more processors coupled to the wireless transceiver;
the one or more processors being configured to provide for the selection of a communication network by:

receiving a user input from the user interface for manually selecting a non-home communication network for communications with the mobile station in a manual network selection mode of the mobile station;

selecting and operating with the manually-selected non-home communication network in response to the user input;

in response to regaining signal coverage from an out-of-coverage condition with the manually-selected non-home communication network while in the manual network selection mode, or in response to being powered-on from a power-off state while in the manual network selection mode, causing the following acts to be performed:

if the non-home communication network is identified as being available: selecting and operating with the non-home communication network;

if the non-home communication network is unavailable and the home communication network is also unavailable: causing a list of available communication networks to be displayed for a manual network selection procedure for manual network selection and operation with one of the available communication networks; and

if the non-home communication network is unavailable but the home communication network is identified as being available: instead of carrying out the manual network selection procedure for the manual network selection and operation with one of the available communication networks, selecting and operating with the home communication network.

24. (Original) The mobile station of claim 23, wherein the home communication network comprises a Home Public Land Mobile Network (HPLMN) of the mobile station.

25. (Previously Presented) The mobile station of claim 23, wherein the non-home communication network comprises a Registered Public Land Mobile Network (RPLMN) during the method.

26. (Previously Presented) The mobile station of claim 23, wherein the home and non-home communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

27. (Previously Presented) The mobile station of claim 23, wherein the one or more processors are further configured for:

receiving a user input for manually selecting the available communication network in response to a visual input prompt for the manual network selection procedure; and

registering and operating with the available communication network in response to the user input.

28. (Previously Presented) A communication system, comprising:

a first communication network;

a second communication network;

one or more mobile stations which are operable with the first and the second communication networks;

the one or more mobile stations having the first communication network designated as a non-home communication network and the second communication network designated as a home communication network;

the one or more mobile stations being operative to provide for the selection of a communication network by:

receiving a user input from a user interface of the mobile station for manually selecting the first communication network for operation in a manual network selection mode of the mobile station;

selecting and operating with the first communication network in response to the user input;

in response to regaining signal coverage from an out-of-coverage condition with the first communication network while in the manual network selection mode, or in response to being powered-on from a power-off state while in the manual network selection mode, causing the following acts to be performed:

if the first communication network is identified as being available: selecting and operating with the first communication network;

if the first communication network is unavailable and the second communication network is also unavailable: causing a list of available communication networks to be displayed for a manual network selection procedure for manual network selection and operation with one of the available communication networks; and

if the first communication network is unavailable but the second communication network is identified as being available: instead of carrying out the manual network selection procedure for the manual network selection and operation with one of the available communication networks, selecting and operating with the second communication network.

29. (Original) The communication system of claim 28, wherein the second communication network comprises a Home Public Land Mobile Network (HPLMN) of the one or more mobile stations.

30. (Previously Presented) The communication system of claim 28, wherein the first communication network comprises a Registered Public Land Mobile Network (RPLMN) during the mobile station operation.

31. (Previously Presented) The communication system of claim 28, wherein the first and the second communication networks are operative in accordance with Global Systems for Mobile Communications (GSM).

32. (Previously Presented) The communication system of claim 28, wherein the one or more mobile stations are further operative for:

receiving a user input for manually selecting the available communication network in response to a visual input prompt for the manual network selection; and

registering and operating with the available communication network in response to the user input.

33. (Original) The method of claim 1, wherein the performing of the acts are caused in response to regaining the signal coverage from the out-of-coverage condition with the non-home communication network.

34. (Original) The method of claim 1, wherein the performing of the acts are caused in response to being powered-on from the power-off state entered while operating with the non-home communication network.

35. (Original) The method of claim 1, wherein the act of identifying comprises the further act of scanning with use of a wireless transceiver, and the acts of operating with the non-home and the home communication networks utilize the same wireless transceiver.

36. (Original) The method of claim 1, which is performed as part of an automatic network selection procedure of the mobile station.

37. (Original) The mobile station of claim 7, wherein the one or more processors are configured to perform the acts in response to regaining the signal coverage from the out-of-coverage condition with the non-home communication network.

38. (Original) The mobile station of claim 7, wherein the one or more processors are configured to perform the acts in response to being powered-on from the power-off state entered while operating with the non-home communication network.

39. (Original) The mobile station of claim 7, wherein the one or more processors are further configured to operate with the non-home and the home communication networks with use of the same wireless transceiver.

40. (Original) The mobile station of claim 7, wherein the one or more processors are configured to select the communication network with which to communicate as part of an automatic network selection procedure of the mobile station.

41. (Original) The communication system of claim 13, wherein the mobile station is configured to perform the acts in response to regaining the signal coverage from the out-of-coverage condition with the non-home communication network.

42. (Original) The communication system of claim 13, wherein the mobile station is configured to perform the acts in response to being powered-on from the power-off state entered while operating with the non-home communication network.

43. (Original) The communication system of claim 13, further comprising:

wherein the mobile station is further configured to operate with the non-home and the home communication networks with use of the same wireless transceiver;

wherein the mobile station is further configured to select the communication network with which to communicate as part of an automatic network selection procedure of the mobile station; and

wherein the mobile station is further configured to perform the acts in response to regaining the signal coverage from the out-of-coverage condition with the non-home communication network.

44. (Original) The method of claim 18 wherein, in causing of the acts to be performed in response to regaining the signal coverage or being powered on, the acts of selecting and operating with the non-home and the home communication networks are performed by the mobile station in the manual network selection mode without user intervention.

45. (Original) The method of claim 18, further comprising:
prior to selecting and operating with the home communication network, causing a visual input prompt to be displayed for manual network selection.

46. (Original) The method of claim 18, wherein the act of selecting and operating with the home communication network is performed after an expiration of a predetermined time period.

47. (Original) The method of claim 18, further comprising:
prior to selecting and operating with the home communication network: causing a visual input prompt to be displayed for manual network selection of the home communication network; and

wherein the act of selecting and operating with the home communication network is performed in response to receiving the manual network selection of the home communication network via the visual input prompt.

48. (Original) The method of claim 18, further comprising:
prior to selecting and operating with the home communication network: causing a visual input prompt to be displayed for manual network selection; and
wherein the act of selecting and operating with the home communication network is performed after an expiration of a predetermined time period.

49. (Original) The mobile station of claim 23 wherein, in causing the acts to be performed in response to regaining the signal coverage or being powered-on, the one or more processors are further configured to select and operate with the non-home and the home communication networks in the manual network selection mode without user intervention.

50. (Original) A network selection method for use by a mobile station comprising the acts of:

identifying, in a coverage area within which the mobile station is operating, one or more Public Land Mobile Networks (PLMNs) which are operative in accordance with Global Systems for Mobile Communications (GSM);

selecting and operating with a non-home Registered PLMN (RPLMN);

in response to regaining signal coverage from an out-of-coverage condition with the non-home RPLMN, or in response to being powered-on after a power-off state entered while operating with the non-home RPLMN, performing the following acts of:

if a Home PLMN (HPLMN) of the mobile station is identified as being available, selecting and operating with the HPLMN; and

if the HPLMN is unavailable and the non-home RPLMN is identified as being available, selecting and operating with the non-home RPLMN.